

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/25794

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(7) : G03B 21/56; G03B 21/14, 21/22. US CL : 359/450, 443, 460; 353/119. According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 359/450, 443, 460; 353/119. Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) East		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,466,369 B1 (MADDOCK) 15 October 2002 (15.10.2002), see entire document.	1, 4-6 and 9-10
Y		2-3 and 7-8
Y	US 6,519,085 B2 (BRANDT) 11 February 2003 (11.02.2003), see column 4, lines 3-22.	2-3 and 7-8
A	US 2002/0181098 A1 (UTSUMI et al.) 5 December 2002 (05.12.2002), see entire document.	1-10
A	US 2003/0179449 A1 (TERAMOTO et al.) 25 September 2003 (25.09.2003), see entire document.	1-10
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents:		
"A"	document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search 06 April 2005 (06.04.2005)		Date of mailing of the international search report <b>30 JUN 2005</b>
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer Judy Nguyen DEBORAH A. THOMAS PARALEGAL SPECIALIST Telephone No. (571) 272-2800 <del>GROUP 1300</del> <i>dot</i>